

GENERATING INSTRUCTIONS FOR DRAWING A FLOWCHART  
ABSTRACT OF THE DISCLOSURE

A method and computer program for automatically generating flowcharting  
5 instructions from an electronic text file of a source code. The steps include  
identifying the branch statements in the source code, determining the branch  
destinations for each of the identified branch statements, storing the destinations as  
destination records in a data structure, and identifying a statement type for each  
statement. Keys for determining that statement type may be a key work, phrase,  
10 punctuation marks or other symbols contained within each source code statement.  
The method is applied to source code statements written in any computer  
programming language. The instructions may then be imported into a drawing  
program where the flowchart may be drawn or viewed. The method may also be  
applied in reverse, automatically generating an electronic text file of a source code  
15 from a flowchart of a computer program.